



ZEBRA

Alien ALN9840 Inlay

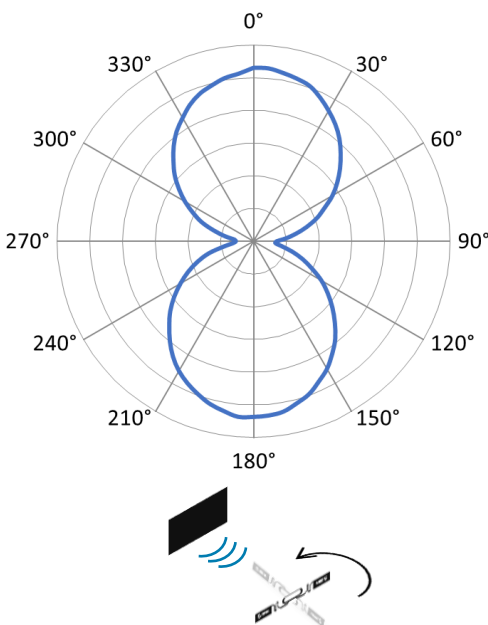
DETAILS

- General Purpose inlay
- Economical choice for 4" labeling applications
- Applications: Case / Pallet, item tracking
- Meets Auburn ARC Specs:
A, B, C, D, F, G, I, K, M, N, Q

TECHNICAL INFORMATION

- Chip: Alien Higgs EC
 - EPC memory: 128 bits
 - User memory: 128 bits
 - TID: 80 bit factory locked (unique)
 - Read Sensitivity: -22.5dBm
 - Write Sensitivity: -19dBm
 - EPC Gen2v2
- High sensitivity chip with read ranges up to 13m in free space

RADIATION PATTERN*



THEORETICAL** READ RANGES ON VARIOUS SURFACES (m)

Material	ETSI (865-868 MHz)	FCC (902-928 MHz)
Air	13	10
Cardboard	9	10
Fiberglass	8	10
Glass	8	8
PTFE	10	10
Polyacetyl	8	10
PVC	9	11
Rubber	9	10

SUGGESTED APPLICATIONS

- Case/pallet labeling



- Transportation & Logistics



* Read range drops to 11% of maximum when inlay is perpendicular (90° and 270°) to the reading antenna.

**Theoretical read range data is meant to be directional. Actual performance will depend on your application and environment. Testing is recommended.

All inlays certified by Zebra have been pre-tested with Zebra printers and readers. For more information on Auburn's ARC specifications, testing, and the certification process, please go to rfid.auburn.edu.



For more information, visit www.zebra.com/supplies

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NA and Corporate Headquarters | +1 800 423 0442 | inquiry4@zebra.com

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